

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>UKAS TESTING</p> <p>2450</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Mercian Science Ltd</p> <p>Issue No: 029 Issue date: 18 October 2021</p>	
	<p>Aqua House Europa Way Britannia Enterprise Park Lichfield Staffordshire WS14 9TZ</p>	<p>Contact: Mr J Usher Tel: +44 (0)1543 261020 Fax: +44 (0)1543 261021 E-Mail: jusher@mercianscience.co.uk Website: www.mercianscience.co.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATER	<u>Microbiological Tests</u>	Documented In-house Methods
Potable (non regulatory) and Process, Pools & Hospital water	Enumeration: Coliforms / <i>E. coli</i> , presumptive and confirmed	Method B3 using membrane filtration and MLGA (single membrane) based on The Microbiology of Drinking Water Part 4b, 2016
Potable (non regulatory) and Process Pools and Hospital water	Aerobic colony count at 22 °C, 30 °C and 37 °C Aerobic colony count at 22 °C and 37 °C	Method B1 using pour plate based on The Microbiology of Drinking Water Part 7, 2020 by manual or automated ProtoCOL 3 counts
Potable (non regulatory) Process and Pools	<i>Pseudomonas aeruginosa</i> and <i>Pseudomonas</i> spp, presumptive	Method B5 using Membrane filtration with CFC isolation agar and CN agar for confirmation
Endoscopy washer disinfectant rinse water	<i>Pseudomonas aeruginosa</i>	Method B5 using membrane filtration based on HTM 01-06
Potable (non regulatory) and Pools	<i>Pseudomonas aeruginosa</i> , confirmed	Method B18 using Pseudalert based on The Microbiology of Drinking Water part 8C 2015
Hospital tap water	<i>Pseudomonas aeruginosa</i> , confirmed	Method B18 based on HTM 04-01 Part B Appendix F using MoDW (2015) part 8C using Pseudalert
Potable (non regulatory), including Process and Pools	Enterococci, presumptive and confirmed	Method B6 using membrane filtration based on The Microbiology of Drinking Water Part 5, 2012



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATER (cont'd) Potable, Process, Pools & Hospital water	<u>Microbiological Tests</u> (cont'd) Detection and enumeration: <i>Legionella</i> spp confirmed, and identification of <i>Legionella pneumophila</i> serogroups 1, 2-14	Documented In-house Methods (cont'd) Method B4 using membrane filtration and manual elution based on BS 6068-4:12:1998 (withdrawn)
END		